

9th Class 2021

Biology	Group-I	Paper-I
Time: 15 Minutes	(Objective Type)	Marks: 12

Note: Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink in the answer-book. Cutting or filling two or more circles will result in zero mark in that question.

- 1-1- The level of organization that is less define in plants is:
- (a) Organism level
 - (b) Organ level
 - (c) Organ system level ✓
 - (d) Tissue level
- 2- A litre of ethanol weighs _____ grams.
- (a) 1,000
 - (b) 789 ✓
 - (c) 879
 - (d) 978
- 3- The terms prokaryotic and eukaryotic was first suggested by _____.
- (a) E-Chatton ✓
 - (b) Robert Whittaker
 - (c) Ernst Hackel
 - (d) Margulis
- 4- What is the function of mitochondrion?
- (a) Lipid storage
 - (b) Protein synthesis
 - (c) Photosynthesis
 - (d) Cellular respiration ✓
- 5- Which phase lasts for at least 90% of the total time for cell cycle?
- (a) Inter phase ✓
 - (b) Karyokinesis
 - (c) Cytokinesis
 - (d) Prophase
- 6- If tumors remain in their original location are called:
- (a) Malignant tumors
 - (b) Metastasis
 - (c) Benign tumors ✓
 - (d) Cancerous tumors

Term metabolism is derived from Greek word meaning:

ATP was discovered in:

Which mineral is used for blood clotting?

- (a) Potassium (b) Chloride
(c) Sodium (d) Calcium ✓

Where are villi found?

- (a) Esophagus (b) Stomach
(c) Small intestine ✓ (d) Large intestine

Outside the conducting tissues, there is a narrow layer of cells called:

- (a) Endodermis (b) Pericycle ✓
(c) Cortex (d) Epidermal

The opening between right atrium and right ventricle is guarded by:

- (a) Tricuspid valve ✓
 - (b) Bicuspid valve
 - (c) Pulmonary semilunar valve
 - (d) Aortic semilunar valve